AUTHOR AND TITLE INDEX

AUTHOR AND TITLE INDEX

Volume 37, Numbers 1,2,3,4,5,6 2000

Journal of Rehabilitation Research and Development

NOTE: Principal authors are identified by an asterisk before their name.

A

Abu-Hasaballah, Khamis S.
Coauthors: *Nowak MD, Cooper PS
Design enhancement of a solid ankle-foot orthosis: real-time contact pressures evaluation
Number 3, Pages 273-281

Adjouadi, Malek
Coauthors: *Barreto AB, Scargle SD
A practical EMG-based human-computer interface for users with motor disabilities
Number 1, Pages 53-63

Adams, Thomas C.
Coauthors: *Kamper DG, Reger SI, Parnianpour M, Barin K, Linden MA
A technique for quantifying the response of seated individuals to dynamic perturbations
Number 1, Pages 81-88

Aisen, M.L.
Coauthors: *Krebs HI, Volpe BT, Hogan N
Increasing productivity and quality of care: Robot-aided neuro-rehabilitation
Number 6, Pages 639-651

Aissaoui, Rachid
Coauthors: *Parent F, Dansereau J, Lacoste M
Evaluation of the new flexible contour backrest for wheelchairs
Number 3, Pages 325-333

Alexander, Eugene J.
Coauthors: *Andriacchi TP, Lang PL, Hurwitz DE
Methods for evaluating the progression of osteoarthritis
Number 2, Pages 163-170

Alexander, Michael
Coauthors: *Rahman T, Sample W, Seliktar R, Scavina M
A body-powered functional upper limb orthosis
Number 6, Pages 675-679

Alexander Neil B.
Coauthors: Grunawalt JC, Carlos S, Augustine J
Bed mobility task performance in older adults
Clinical Report
Number 5, Pages 633-638

Amerson, Thomas L.
Coauthors: *Malassigné P, Nelson AL, Cors MW
Design of the advanced commode-shower chair for spinal cord-injured individuals
Clinical Report
Number 3, Pages 373-382

Anain, Shirley
Coauthors: *Edsberg LE, Cutway R, Natiella JR
Microstructural and mechanical characterization of human tissue at and adjacent to pressure ulcers
Number 4, Pages 463-471

Andreoni, Giuseppe
Coauthors: *Ferrarin M, Pedotti A
Comparative biomechanical evaluation of different wheelchair seat cushions
Number 3, Pages 315-324

Andriacchi, Thomas P.
Coauthors: Lang PL, Alexander EJ, Hurwitz DE
Methods for evaluating the progression of osteoarthritis
Number 2, Pages 163-170

Angelo, Jennifer
Factors affecting the use of a single switch with assistive technology devices
Number 5, Pages 591-598

Anglen, Jeffrey O.
Coauthors: *Schafer SJ, Schafer LO, Childers M
Heterotopic ossification in rehabilitation patients who

have had internal fixation of an acetabular fracture
Number 4, Pages 389-393

Aruin, Alexander S.
Coauthors: Hanke T, Chaudhuri G, Harvey R, Rao N
Compelled weightbearing in persons with hemiparesis following stroke: The effect of a lift insert and goal-directed balance exercise
Number 1, Pages 65-72

Augustine, Joshua
Coauthors: *Alexander NB, Grunawalt JC, Carlos S
Bed mobility task performance in older adults
Clinical Report
Number 5, Pages 633-638

Averbuch, Michele
Coauthors: *Reinkensmeyer DJ, Kahn LE, McKenna-Cole A, Schmit BD, Rymer WZ
Understanding and treating arm movement impairment after chronic brain injury: Progress with the ARM Guide
Number 6, Pages 653-661

B

Baatile, J.
Coauthors: Langbein WE, Weaver F, Maloney C, Jost MB
Effect of exercise on perceived quality of life of individuals with Parkinson's disease
Number 5, Pages 529-534

Bachrach, L.K.
Coauthors: *van der Meulen MCH, Moro M, Kiratli BJ, Marcus R
Mechanobiology of femoral neck structure during adolescence
Number 2, Pages 201-208

Banzer, W.
Coauthors: *Vogt L, Pfeifer K, Portscher M
Lumbar corsets: Their effect on three-dimensional kinematics of the pelvis
Number 5, Pages 495-499

Barin, Kamran
Coauthors: *Kamper DG, Adams TC, Reger SI, Parnianpour M, Linden MA
A technique for quantifying the response of seated individuals to dynamic perturbations
Number 1, Pages 81-88

Barreto, Armando B.
Coauthors: Scargle SD, Adjouadi M
A practical EMG-based human-computer interface for users with motor disabilities
Number 1, Pages 53-63

Beaupré, Gary S.
Coauthors: *Wren TAL, Carter DR
Mechanobiology of tendon adaptation to compressive loading through fibrocartilaginous metaplasia
Number 2, Pages 135-143

Beaupré, Gary S.
Coauthors: Stevens SS, Carter DR
Mechanobiology in the development, maintenance, and degeneration of articular cartilage
Number 2, Pages 145-151

Beaupré Gary S.
Coauthors: *Wren TAL, Carter DR
Tendon and ligament adaptation to exercise, immobilization, and remobilization
Number 2, Pages 217-224

Beaupré Gary S.
Coauthors: *Hernandez CJ, Carter DR
A model of mechanobiologic and metabolic influences on bone adaptation
Number 2, Pages 235-244

Bell, Churan
Coauthors: *Wall JC, Campbell S, Davis J
The timed get-up-and-go test revisited: Measurement of the component tasks
Clinical Report
Number 1, Pages 109-113

Bertocci, Gina
Coauthors: *van Roosmalen L, Ha DR, Karg P, Szobota S
Proposed test method for and evaluation of wheelchair seating system (WCSS) crashworthiness
Number 5, Pages 543-553

Bertocci, Gina
Coauthors: *Ha DR, Deemer E, van Roosmalen L, Karg P

Evaluation of wheelchair back support crashworthiness: Combination wheelchair back support surfaces and attachment hardware
Number 5, Pages 555-563

Bertocci, Gina E.
Coauthors: Szobota S, Ha DR, van Roosmalen L
Development of frontal impact crashworthy wheelchair seating design criteria using computer simulation
Number 5, Pages 565-572

Bertocci, Gina E.
Coauthors: Evans J
Injury risk assessment of wheelchair occupant restraint systems in a frontal crash: A case for integrated restraints
Number 5, Pages 573-589

Black, Joel A.
Coauthors: *Waxman SG, Cummins TR, Dib-Hajj SD
Voltage-gated sodium channels and the molecular pathogenesis of pain: A review
Number 5, Pages 517-528

Boninger, Michael L.
Coauthors: *Cooper RA, Dvorznak MJ, Rentschler AJ
Displacement between the seating surface and hybrid test dummy during transitions with a variable configuration wheelchair: A technical note
Number 3, Pages 297-303

Bos, Renate P.
Coauthors: *van Leeuwen PJ, Derksen JC, de Vries J
Assessment of spinal movement reduction by thoracolumbar-sacral orthoses
Number 4, Pages 395-404

Brienza, David M.
Coauthors: *Wang J, Yuan YW, Karg P, Xue Q
A compound sensor for biomechanical analyses of buttock soft tissue in vivo
Number 4, Pages 433-443

Bruning, Theodore E., III
Coauthors: *Kauzlarich JJ, Thacker JG
Wheelchair caster shimmy II: Damping
Number 3, Pages 305-313

Buch, Ojas
Coauthors: *Reddy NP, Simcox DL, Gupta V, Motta GE, Coppenger J, Das A
Biofeedback therapy using accelerometry for treating dysphagic patients with poor laryngeal elevation: Case studies
Clinical Report
Number 3, Pages 361-37

Burgar, Charles G.
Coauthors: Lum PS, Shor PC, Van der Loos HFM
Development of robots for rehabilitation therapy: The Palo Alto VA/Stanford experience
Number 6, Pages 663-673

C

Campbell, Stewart
Coauthors: *Wall JC, Bell C, Davis J
The timed get-up-and-go test revisited: Measurement of the component tasks
Clinical Report
Number 1, Pages 109-113

Caps, Michael T.
Coauthors: *Mayfield JA, Reiber GE, Maynard C, Czerniecki JM, Sangeorzan BJ
Trends in lower limb amputation in the Veterans Health Administration, 1989-1998
Number 1, Pages 23-30

Carlos, Scott
Coauthors: *Alexander NB, Grunawalt JC, Augustine J
Bed mobility task performance in older adults
Clinical Report
Number 5, Pages 633-638

Carter, Dennis R.
Coauthors: *Wren TAL, Beaupré GS
Mechanobiology of tendon adaptation to compressive loading through fibrocartilaginous metaplasia
Number 2, Pages 135-143

Carter, Dennis R.
Coauthors: *Beaupré GS, Stevens SS
Mechanobiology in the development, maintenance, and degeneration of articular cartilage
Number 2, Pages 145-151

Carter, Dennis R.
Coauthors: *Smith RL, Lin J, Trindade MCD, Shida J, Kajiyama G, Vu T, Hoffman AR, van der Meulen MCH, Goodman SB, Schurman DJ
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153-161

Carter, Dennis R.
Coauthors: *Wren TAL, Beaupré GS
Tendon and ligament adaptation to exercise, immobilization, and remobilization
Number 2, Pages 217-224

Carter, Dennis R.
Coauthors: *Hernandez CJ, Beaupré GS
A model of mechanobiologic and metabolic influences on bone adaptation
Number 2, Pages 235-244

Chan, Rai-Chi
Coauthors: *Wang RY, Tsai MW
Effects of thoraco-lumbar electric sensory stimulation on knee extensor spasticity of persons who survived cerebrovascular accident (CVA)
Number 1, Pages 73-79

Chaudhuri, Gouri
Coauthors: *Aruin AS, Hanke T, Harvey R, Rao N
Compelled weightbearing in persons with hemiparesis following stroke: The effect of a lift insert and goal-directed balance exercise
Number 1, Pages 65-72

Cheng, Chris T.K.
Coauthors: *Chow DHK
Quantitative analysis of the effects of audio biofeedback on weight-bearing characteristics of persons with transtibial amputation during early prosthetic ambulation
Number 3, Pages 255-260

Chhabra, Abhinav B.
Coauthors: *Mikic B, Johnson TL, Schalet BJ, Wong M, Hunziker EB
Differential effects of embryonic immobilization on the development of fibrocartilaginous skeletal elements
Number 2, Pages 127-133

Childers, Martin
Coauthors: *Schafer SJ, Schafer LO, Anglen JO
Heterotopic ossification in rehabilitation patients who have had internal fixation of an acetabular fracture
Number 4, Pages 389-393

Childress, Dudley S.
Coauthors: *Michaud SB, Gard SA
A preliminary investigation of pelvic obliquity patterns during gait in persons with transtibial and transfemoral amputation
Number 1, Pages 1-10

Chow, Daniel H.K.
Coauthors: Cheng Chris TK
Quantitative analysis of the effects of audio biofeedback on weight-bearing characteristics of persons with transtibial amputation during early prosthetic ambulation
Number 3, Pages 255-260

Colombo, Gery
Coauthors: Joerg M, Schreier R, Dietz V
Treadmill training of paraplegic patients using a robotic orthosis
Number 6, Pages 693-699

Commean, Paul K.
Coauthors: *Smith KE, Mueller MJ, Robertson DD, Pilgram T, Johnson J
Assessment of the diabetic foot using spiral computed tomography imaging and plantar pressure measurements: A technical report
Number 1, Pages 31-40

Commean, Paul K.
Coauthors: *Madsen MT, Haller J, Vannier MW
A device for applying static loads to prosthetic limbs of transtibial amputees during spiral CT examination
Number 4, Pages 383-387

Cooper, Paul S.
Coauthors: *Nowak MD, Abu-Hasaballah KS
Design enhancement of a solid ankle-foot orthosis: real-

time contact pressures evaluation
Number 3, Pages 273-281

Cooper, Rory A.
Coauthors: Dvorznak MJ, Rentschler AF, Boninger ML
Displacement between the seating surface and hybrid test dummy during transitions with a variable configuration wheelchair: A technical note
Number 3, Pages 297-303

Coppenger, Jody
Coauthors: *Reddy NP, Simcox DL, Gupta V, Motta GE, Das A, Buch O
Biofeedback therapy using accelerometry for treating dysphagic patients with poor laryngeal elevation: Case studies
Clinical Report
Number 3, Pages 361-372

Cors, Mark W.
Coauthors: *Malassigné P, Nelson AL, Amerson TL
Design of the advanced commode-shower chair for spinal cord-injured individuals
Clinical Report
Number 3, Pages 373-382

Crago, Patrick E.
Coauthors: *Memberg WD
An analysis of the input-output properties of neuroprosthetic hand grasps
Number 1, Pages 11-21

Cummins, Theodore R.
Coauthors: *Waxman SG, Dib-Hajj SD, Black JA
Voltage-gated sodium channels and the molecular pathogenesis of pain: A review
Number 5, Pages 517-528

Cutway, Renee
Coauthors: *Edsberg LE, Anain S, Natiella JR
Microstructural and mechanical characterization of human tissue at and adjacent to pressure ulcers
Number 4, Pages 463–471

Czerniecki, Joseph M.
Coauthors: *Mayfield JA, Reiber GE, Maynard C, Caps MT, Sangeorzan BJ
Trends in lower limb amputation in the Veterans Health Administration, 1989–1998
Number 1, Pages 23–30

D

Dansereau, Jean
Coauthors: *Parent F, Lacoste M, Aissaoui R
Evaluation of the new flexible contour backrest for wheelchairs
Number 3, Pages 325–333

Das, Amitava
Coauthors: *Reddy NP, Simcox DL, Gupta V, Motta GE, Coppenger J, Buch O
Biofeedback therapy using accelerometry for treating dysphagic patients with poor laryngeal elevation: Case studies
Clinical Report
Number 3, Pages 361–372

Davis, Jennifer
Coauthors: *Wall JC, Bell C, Campbell S
The timed get-up-and-go test revisited: Measurement of the component tasks
Clinical Report
Number 1, Pages 109–113

Deemer, Ernest
Coauthors: *Ha DR, Bertocci G, van Roosmalen L, Karg P
Evaluation of wheelchair back support crashworthiness: Combination wheelchair back support surfaces and attachment hardware
Number 5, Pages 555–563

Derksen, José C.
Coauthors: *van Leeuwen PJ, Bos RP, de Vries J
Assessment of spinal movement reduction by thoracolumbar-sacral orthoses
Number 4, Pages 395–404

de Visser, Hans
Coauthors: Herder JL
Force-directed design of a voluntary closing hand prosthesis
Number 3, Pages 261–271

de Vries, Jaap
Coauthors: *van Leeuwen PJ, Bos RP, Derksen JC
Assessment of spinal movement reduction by thoracolumbar-sacral orthoses
Number 4, Pages 395–404

Dib-Hajj, Sulayman D.
Coauthors: *Waxman SG, Cummins TR, Black JA
Voltage-gated sodium channels and the molecular pathogenesis of pain: A review
Number 5, Pages 517–528

Dietz, Volker
Coauthors: *Colombo G, Joerg M, Schreier R
Treadmill training of paraplegic patients using a robotic orthosis
Number 6, Pages 693–699

Duncan, Pamela W.
Coauthors: *Reker DM, Hoenig H, Zolkewitz M, Sloane R, Horner RD, Hamiltion BB
The structure and structural effects of VA rehabilitation bedservice care for stroke
Clinical Report
Number 4, Pages 483–491

Dvorznak, Michael J.
Coauthors: *Cooper RA, Rentschler AJ, Boninger ML
Displacement between the seating surface and hybrid test dummy during transitions with a variable configuration wheelchair
A Technical Note
Number 3, Pages 297–303

E

Edsberg, Laura E.
Coauthors: Cutway R, Anain S, Natiella JR
Microstructural and mechanical characterization of human tissue at and adjacent to pressure ulcers
Number 4, Pages 463–471

Elokda, Ahmed S.
Coauthors: Nielsen DH, Shields RK
Effect of functional neuromuscular stimulation on postural related orthostatic stress in individuals with acute spinal cord injury
Number 5, Pages 535–542

Evans, Jonathan
Coauthors: *Bertocci GE
Injury risk assessment of wheelchair occupant restraint systems in a frontal crash: A case for integrated restraints
Number 5, Pages 573–589

F

Fehr, Linda
Coauthors: Langbein E, Skaar SB
Adequacy of power wheelchair control interfaces for persons with severe disabilities: A clinical survey
Number 3, Pages 353–360

Ferdjallah, Mohammed
Coauthors: Wertsch JJ, Shaker R
Spectral analysis of surface electromyography (EMG) of upper esophageal sphincter-opening muscles during head lift exercise
Number 3, Pages 335–340

Ferrarin, Maurizio
Coauthors: Andreoni G, Pedotti A
Comparative biomechanical evaluation of different wheelchair seat cushions
Number 3, Pages 315–324

G

Gard, Steven A.
Coauthors: *Michaud SB, Childress DS
A preliminary investigation of pelvic obliquity patterns during gait in persons with transtibial and transfemoral amputation
Number 1, Pages 1–10

Gardner, Elizabeth R.
Coauthors: *Rodgers MM, Keyser RE, Russell PJ, Gorman PH
Influence of trunk flexion on biomechanics of wheelchair propulsion
Number 3, Pages 283–295

Giori, Nicholas J.
Coauthors: *O'Driscoll SW
Continuous passive motion (CPM): Theory and principles of clinical application
Number 2, Pages 179–188

Glowacki, Julie
In vitro *engineering of cartilage*
Number 2, Pages 171–177

Goodman, S.B.
Coauthors: *Smith RL, Lin J, Trindade MCD, Shida J, Kajiyama G, Vu T, Hoffman AR, van der Meulen MCH, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Gorman, Peter H.
Coauthors: *Rodgers MM, Keyser RE, Gardner ER, Russell PJ
Influence of trunk flexion on biomechanics of wheelchair propulsion
Number 3, Pages 283–295

Graves, Daniel E.
Coauthors: *Sherwood AM, Priebe MM
Altered motor control and spasticity after spinal cord injury: Subjective and objective assessment
Number 1, Pages 41–52

Gronley, JoAnne K.
Coauthors: Newsam CJ, Mulroy SJ, Rao SS, Perry J, Helm M
Electromyographic and kinematic analysis of the shoulder during four activities of daily living in men with C6 tetraplegia
Number 4, Pages 423–432

Grunawalt, Julie C.
Coauthors: *Alexander NB, Carlos S, Augustine J
Bed mobility task performance in older adults
Clinical Report
Number 5, Pages 633–638

Gupta, Vineet
Coauthors: *Reddy NP, Simcox DL, Motta GE, Coppenger J, Das A, Buch O
Biofeedback therapy using accelerometry for treating dysphagic patients with poor laryngeal elevation: Case studies
Clinical Report
Number 3, Pages 361–372

H

Ha, DongRan
Coauthors: *van Roosmalen L, Bertocci G, Karg P, Szobota S
Proposed test method for and evaluation of wheelchair seating system (WCSS) crashworthiness
Number 5, Pages 543–553

Ha, DongRan
Coauthors: Bertocci G, Deemer E, van Roosmalen L, Karg P
Evaluation of wheelchair back support crashworthiness: Combination wheelchair back support surfaces and attachment hardware
Number 5, Pages 555–563

Ha, DongRan
Coauthors: *Bertocci GE, Szobota S, van Roosmalen, L
Development of frontal impact crashworthy wheelchair seating design criteria using computer simulation
Number 5, Pages 565–572

Hahl, Jill
Coauthors: Taya M
Experimental and numerical predictions of the ultimate strength of a low-cost composite transtibial prosthesis
Number 4, Pages 405–413

Haller, John
Coauthors: *Madsen MT, Commean PK, Vannier MW
A device for applying static loads to prosthetic limbs of transtibial amputees during spiral CT examination
Number 4, Pages 383–387

Hamilton, Byron B.
Coauthors: *Reker DM, Hoenig H, Zolkewitz M, Sloane R, Horner RD, Duncan PW
The structure and structural effects of VA rehabilitation bedservice care for stroke
Clinical Report
Number 4, Pages 483–491

Hanke, Tim
Coauthors: *Aruin AS, Chaudhuri G, Harvey R, Rao N
Compelled weightbearing in persons with hemiparesis following stroke: The effect of a lift insert and goal-directed balance exercise
Number 1, Pages 65–72

Harvey, Richard
Coauthors: *Aruin AS, Hanke T, Chaudhuri G, Rao N
Compelled weightbearing in persons with hemiparesis following stroke: The effect of a lift insert and goal-directed balance exercise
Number 1, Pages 65–72

Helm, Melvin
Coauthors: *Gronley JK, Newsam CJ, Mulroy SJ, Rao SS, Perry J
Electromyographic and kinematic analysis of the shoulder during four activities of daily living in men with C6 tetraplegia
Number 4, Pages 423–432

Herder, Just L.
Coauthors: *de Visser H
Force-directed design of a voluntary closing hand prosthesis
Number 3, Pages 261–271

Hermandez, Christopher J.
Coauthors: Beaupré GS, Carter DR
A model of mechanobiologic and metabolic influences on bone adaptation
Number 2, Pages 235–244

Hesse, Stefan
Coauthors: Uhlenbrock, D
A mechanized gait trainer for restoration of gait
Number 6, Pages 701–707

Hoenig, Helen
Coauthors: *Reker DM, Zolkewitz M, Sloane R, Horner RD, Hamilton BB, Duncan PW
The structure and structural effects of VA rehabilitation bedservice care for stroke
Clinical Report
Number 4, Pages 483–491

Hoffman, A.R.
Coauthors: *Smith RL, Lin J, Trindade MCD, Shida J, Kajiyama G, Vu T, van der Meulen MCH, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Hogan, N.
Coauthors: *Krebs HI, Volpe BT, Aisen ML
Increasing productivity and quality of care: Robot-aided neuro-rehabilitation
Number 6, Pages 639–651

Holmes, S. Ann
Coauthors: *Wilson MS, Qureshy H, Protas EJ, Krouskop TA, Sherwood AM
Equipment specifications for supported treadmill ambulation training: A technical note
Number 4, Pages 415–422

Horner, Ronnie D.
Coauthors: *Reker DM, Hoenig H, Zolkewitz M, Sloane R, Hamilton BB, Duncan PW
The structure and structural effects of VA rehabilitation bedservice care for stroke
Clinical Report
Number 4, Pages 483–491

Hunziker, Ernst B.
Coauthors: *Mikic B, Johnson TL, Chhabra AB, Schalet BJ, Wong M
Differential effects of embryonic immobilization on the development of fibrocartilaginous skeletal elements
Number 2, Pages 127–133

Hurwitz, Debra E.
Coauthors: *Andriacchi TP, Lang PL, Alexander EJ
Methods for evaluating the progression of osteoarthritis
Number 2, Pages 163–170

I

J

Jacobs, Christopher R.
The mechanobiology of cancellous bone structural adaptation
Number 2, Pages 209–216

Joerg, Matthias
Coauthors: *Colombo G, Schreier R, Dietz V
Treadmill training of paraplegic patients using a robotic orthosis
Number 6, Pages 693–699

Johannesen, Inger Lauge
Coauthors: *Matjacic Z, Sinkjaer R
A multi-purpose rehabilitation frame: A novel apparatus for balance training during standing of neurologically impaired individuals
Number 6, Pages 681–691

Johnson, Jeffrey
Coauthors: *Smith KE, Commean PK, Mueller MJ, Robertson DD, Pilgram T
Assessment of the diabetic foot using spiral computed tomography imaging and plantar pressure measurements: A technical note
Number 1, Pages 31–40

Johnson, Tiffany L.
Coauthors: *Mikic B, Chhabra AB, Schalet BJ, Wong M, Hunziker EB
Differential effects of embryonic immobilization on the development of fibrocartilaginous skeletal elements
Number 2, Pages 127–133

Jost, M.B.
Coauthors: *Baatile J, Langbein WE, Weaver F, Maloney C
Effect of exercise on perceived quality of life of individuals with Parkinson's disease
Number 5, Pages 529–534

K

Kahn, Leonard E.
Coauthors: *Reinkensmeyer DJ, Averbuch M, McKenna-Cole A, Schmit BD, Rymer WZ
Understanding and treating arm movement impairment after chronic brain injury: Progress with the ARM Guide
Number 6, Pages 653–661

Kajiyama, G.
Coauthors: *Smith RL, Lin J, Trindade MCD, Shida J, Vu T, Hoffman AR, van der Meulen MCH, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Kallfelz, C.F.
Coauthors: *Kiratli BJ, Smith AE, Nauenberg T, Perkash
Bone mineral and geometric changes through the femur with immobilization due to spinal cord injury
Number 2, Pages 225–233

Kamper, Derek G.
Coauthors: Adams TC, Reger SI, Parnianpour M, Barin K, Linden MA
A technique for quantifying the response of seated individuals to dynamic perturbations
Number 1, Pages 81–88

Karg, Patricia
Coauthors: *Wang J, Brienza DM, Yuan YW, Xue Q
A compound sensor for biomechanical analyses of buttock soft tissue in vivo
Number 4, Pages 433–443

Karg, Patricia
Coauthors: *van Roosmalen L, Bertocci G, Ha DR, Szobota S
Proposed test method for and evaluation of wheelchair seating system (WCSS) crashworthiness
Number 5, Pages 543–553

Karg, Patricia
Coauthors: *Ha DR, Bertocci G, Deemer E, van Roosmalen L
Evaluation of wheelchair back support crashworthiness: Combination wheelchair back support surfaces and attachment hardware
Number 5, Pages 555–563

Kauzlarich, James J.
Coauthors: Bruning TE III, Thacker JG
Wheelchair caster shimmy II: Damping
Number 3, Pages 305–313

Kelsch, Roger
Coauthors: *Szlyk JP, Seiple W, Laderman DJ, Stelmack J, McMahon T
Measuring the effectiveness of bioptic telescopes for persons with central vision loss
Clinical Report
Number 1, Pages 101–108

Kelsch, Roger
Coauthors: *Laderman DJ, Szlyk JP, Seiple W
A curriculum for training patients with peripheral visual

field loss to use bioptic amorphic lenses
Number 5, Pages 607–619

Keyser, Randall E.
Coauthors: *Rodgers MM, Gardner ER, Russell PJ, Gorman PH
Influence of trunk flexion on biomechanics of wheelchair propulsion
Number 3, Pages 283–295

Kiratli, B.J.
Coauthors: *van der Meulen MCH, Moro M, Marcus R, Bachrach LK
Mechanobiology of femoral neck structure during adolescence
Number 2, Pages 201–208

Kiratli, B.J.
Coauthors: Smith AE, Nauenberg T, Kallfelz CF, Perkash I
Bone mineral and geometric changes through the femur with immobilization due to spinal cord injury
Number 2, Pages 225–233

Krebs, David E.
Coauthors: *Puniello MS, McGibbon CA
Lifting characteristics of functionally limited elders
Number 3, Pages 341–352

Krebs, David E.
Coauthors: *McPartland MD, Wall C III
Quantifying ataxia: Ideal trajectory analysis
A Technical Note
Number 4, Pages 445–454

Krebs, H.I.
Coauthors: Volpe BT, Aisen ML, Hogan N
Increasing productivity and quality of care: Robot-aided neuro-rehabilitation
Number 6, Pages 639–651

Krouskop, Thomas A.
Coauthors: *Wilson MS, Qureshy H, Protas EJ, Holmes SA, Sherwood AM
Equipment specifications for supported treadmill ambulation training: A technical note
Number 4, Pages 415–422

L

Lacey, Gerard
Coauthors: MacNamara S
User involvement in the design and evaluation of a smart mobility aid
Number 6, Pages 709–723

Lacoste, Michele
Coauthors: *Parent F, Dansereau J, Aissaoui R
Evaluation of the new flexible contour backrest for wheelchairs
Number 3, Pages 325–333

Laderman, Denice J.
Coauthors: *Szlyk JP, Seiple W, Kelsch R, Stelmack J, McMahon T
Measuring the effectiveness of bioptic telescopes for persons with central vision loss
Clinical Report
Number 1, Pages 101–108

Laderman, Denice J.
Coauthors: Szlyk JP, Kelsch R, Seiple W
A curriculum for training patients with peripheral visual field loss to use bioptic amorphic lenses
Number 5, Pages 607–619

Lang, Philipp L.
Coauthors: *Andriacchi TP, Alexander EJ, Hurwitz DE
Methods for evaluating the progression of osteoarthritis
Number 2, Pages 163–170

Langbein, W. Edwin
Coauthors: *Fehr L, Skaar SB
*Adequacy of power wheelchair control interfaces for persons with severe disabilities:
A clinical survey*
Number 3, Pages 353–360

Langbein, W.E.
Coauthors: *Baatile J, Weaver F, Maloney C, Jost MB
Effect of exercise on perceived quality of life of individuals with Parkinson's disease
Number 5, Pages 529–534

Lin, J.
Coauthors: Smith RL, Trindade MCD, Shida J, Kajiyama

G, Vu T, Hoffman AR, van der Meulen MCH, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Linden, Maureen A.
Coauthors: *Kamper DG, Adams TC, Reger SI, Parnianpour M, Barin K
A technique for quantifying the response of seated individuals to dynamic perturbations
Number 1, Pages 81–88

Loovis, Carl F.
Coauthors: *Souza PE, Yueh B, Sarubbi M
Fitting hearing aids with the Articulation Index: Impact on hearing aid effectiveness
Number 4, Pages 473–481

Lum, Peter S.
Coauthors: *Burgar CG, Shor PC, Van der Loos HFM
Development of robots for rehabilitation therapy: The Palo Alto VA/Stanford experience
Number 6, Pages 663–673

M

MacNamara, Shane
Coauthors: *Lacey G
User involvement in the design and evaluation of a smart mobility aid
Number 6, Pages 709–723

Madsen, Mark T.
Coauthors: Haller J, Commean PK, Vannier MW
A device for applying static loads to prosthetic limbs of transtibial amputees during spiral CT examination
Number 4, Pages 383–387

Malassigné, Pascal
Coauthors: Nelson AL, Cors MW, Amerson TL
Design of the advanced commode-shower chair for spinal cord-injured individuals
Clinical Report
Number 3, Pages 373–382

Maloney C.
Coauthors: *Baatile J, Langbein WE, Weaver F, Jost MB
Effect of exercise on perceived quality of life of individuals with Parkinson's disease
Number 5, Pages 529–534

Matjacic, Zlatko
Coauthors: Johannesen IL, Sinkjaer T
A multi-purpose rehabilitation frame: A novel apparatus for balance training during standing of neurologically impaired individuals
Number 6, Pages 681–691

Marcus, R.
Coauthors: *van der Meulen MCH, Moro M, Kiratli BJ, Bachrach LK
Mechanobiology of femoral neck structure during adolescence
Number 2, Pages 201–208

Marcus, Robert
Coauthors: Taaffe DR
Musculoskeletal health and the older adult
Number 2, Pages 245–254

Mayfield, Jennifer A.
Coauthors: Reiber GE, Maynard C, Czerniecki JM, Caps MT, Sangeorzan BJ
Trends in lower limb amputation in the Veterans Health Administration, 1989–1998
Number 1, Pages 23–30

Maynard, Charles
Coauthors: *Mayfield JA, Reiber GE, Czerniecki JM, Caps MT, Sangeorzan BJ
Trends in lower limb amputation in the Veterans Health Administration, 1989–1998
Number 1, Pages 23–30

McGibbon, Chris A.
Coauthors: *Puniello MS, Krebs DE
Lifting characteristics of functionally limited elders
Number 3, Pages 341–352

McKenna-Cole, Alicia
Coauthors: *Reinkensmeyer DJ, Kahn LE, Averbuch M, Schmit BD, Rymer WZ

Understanding and treating arm movement impairment after chronic brain injury: Progress with the ARM Guide
Number 6, Pages 653–661

McMahon, Timothy
Coauthors: *Szlyk JP, Seiple W, Laderman DJ, Kelsch R, Stelmack J
Measuring the effectiveness of bioptic telescopes for persons with central vision loss
Clinical Report
Number 1, Pages 101–108

McPartland, Michael D.
Coauthors: Krebs DE, Wall C III
Quantifying ataxia: Ideal trajectory analysis
A Technical Note
Number 4, Pages 445–454

Means, Kevin M.
Coauthors: O'Sullivan PS
Modifying a functional obstacle course to test balance and mobility in the community
Clinical Report
Number 5, Pages 621–632

Memberg, William D.
Coauthors: Crago PE
An analysis of the input-output properties of neuroprosthetic hand grasps
Number 1, Pages 11–21

Michaud, Stephanie R.
Coauthors: Gard SA, Childress DS
A preliminary investigation of pelvic obliquity patterns during gait in persons with transtibial and transfemoral amputation
Number 1, Pages 1–10

Mikic, Borjana
Coauthors: Johnson TL, Chhabra AB, Schalet BJ, Wong M, Hunziker EB
Differential effects of embryonic immobilization on the development of fibrocartilaginous skeletal elements
Number 2, Pages 127–133

Moro, M.
Coauthors: *van der Meulen MCH, Kiratli BJ, Marcus R, Bachrach LK
Mechanobiology of femoral neck structure during adolescence
Number 2, Pages 201–208

Mosley, John R.
Osteoporosis and bone functional adaptation: Mechanobiological regulation of bone architecture in growing and adult bone, a review
Number 2, Pages 189–199

Motta, Gary E.
Coauthors: *Reddy NP, Simcox DL, Gupta V, Coppenger J, Das A, Buch O
Biofeedback therapy using accelerometry for treating dysphagic patients with poor laryngeal elevation: Case studies
Clinical Report
Number 3, Pages 361–372

Mueller, Michael J.
Coauthors: *Smith KE, Commean PK, Robertson DD, Pilgram T, Johnson J
Assessment of the diabetic foot using spiral computed tomography imaging and plantar pressure measurements: A technical note
Number 1, Pages 31–40

Mulroy, Sara J.
Coauthors: *Gronley JK, Newsam CJ, Rao SS, Perry J, Helm M
Electromyographic and kinematic analysis of the shoulder during four activities of daily living in men with C6 tetraplegia
Number 4, Pages 423–432

N

Natiella, Joseph R.
Coauthors: *Edsberg LE, Cutway R, Anain S
Microstructural and mechanical characterization of human tissue at and adjacent to pressure ulcers
Number 4, Pages 463–471

Nauenberg, T.
Coauthors: *Kiratli BJ, Smith AE, Kallfelz CF, Perkash I
Bone mineral and geometric changes through the femur with immobilization due to spinal cord injury
Number 2, Pages 225–233

Nelson, Audrey L.
Coauthors: *Malassigné P, Cors MW, Amerson TL
Design of the advanced commode-shower chair for spinal cord-injured individuals
Clinical Report
Number 3, Pages 373–382

Newsam, Craig J.
Coauthors: *Gronley JK, Mulroy SJ, Rao SS, Perry J, Helm M
Electromyographic and kinematic analysis of the shoulder during four activities of daily living in men with C6 tetraplegia
Number 4, Pages 423–432

Nielsen, David H.
Coauthors: *Elokda AS, Shields RK
Effect of functional neuromuscular stimulation on postural related orthostatic stress in individuals with acute spinal cord injury
Number 5, Pages 535–542

Nowak, Michael D.
Coauthors: Abu-Hasaballah KS, Cooper PS
Design enhancement of a solid ankle-foot orthosis: real-time contact pressures evaluation
Number 3, Pages 273–281

O

Öberg, Ulrika
Coauthors: Öberg T
Functional outcome after high tibial osteotomy: A study using individual goal achievement as the primary outcome variable
Number 5, Pages 501–509

Öberg, Tommy
Coauthors: Öberg U
Functional outcome after high tibial osteotomy: A study using individual goal achievement as the primary outcome variable
Number 5, Pages 501–509

O'Driscoll, Shawn W.
Coauthors: Giori NJ
Continuous passive motion (CPM): Theory and principles of clinical application
Number 2, Pages 179–188

O'Sullivan, Patricia S.
Coauthors: *Means KM
Modifying a functional obstacle course to test balance and mobility in the community
Clinical Report
Number 5, Pages 621–632

P

Parent, Frédéric
Coauthors: Dansereau J, Lacoste M, Aissaoui R
Evaluation of the new flexible contour backrest for wheelchairs
Number 3, Pages 325–333

Parnianpour, Mohamad
Coauthors: *Kamper DG, Adams TC, Reger SI, Barin K, Linden MA
A technique for quantifying the response of seated individuals to dynamic perturbations
Number 1, Pages 81–88

Pedotti, Antonio
Coauthors: *Ferrarin M, Andreoni G
Comparative biomechanical evaluation of different wheelchair seat cushions
Number 3, Pages 315–324

Perkash, I.
Coauthors: *Kiratli BJ, Smith AE, Nauenberg T, Kallfelz CF
Bone mineral and geometric changes through the femur with immobilization due to spinal cord injury
Number 2, Pages 225–233

Perry, Jacquelin
Coauthors: *Gronley JK, Newsam CJ, Mulroy SJ, Rao SS, Helm M
Electromyographic and kinematic analysis of the shoulder during four activities of daily living in men with C6 tetraplegia
Number 4, Pages 423–432

Pfeifer, K.
Coauthors: *Vogt L, Portscher M, Banzer W
Lumbar corsets: Their effect on three-dimensional kine-

matics of the pelvis
Number 5, Pages 495–499

Pilgram, Thomas
Coauthors: *Smith KE, Commean PK, Mueller MJ, Robertson DD, Johnson J
Assessment of the diabetic foot using spiral computed tomography imaging and plantar pressure measurements:
A technical report
Number 1, Pages 31–40

Portscher M.
Coauthors: *Vogt L, Pfeifer K, Banzer W
Lumbar corsets: Their effect on three-dimensional kinematics of the pelvis
Number 5, Pages 495–499

Priebe, Michael M.
Coauthors: *Sherwood AM, Graves DE
Altered motor control and spasticity after spinal cord injury: Subjective and objective assessment
Number 1, Pages 41–52

Protas, Elizabeth J.
Coauthors: *Wilson MS, Qureshy H, Holmes SA, Krouskop TA, Sherwood AM
Equipment specifications for supported treadmill ambulation training: A technical note
Number 4, Pages 415–422

Puniello, Michael S.
Coauthors: McGibbon CA, Krebs DE
Lifting characteristics of functionally limited elders
Number 3, Pages 341–352

Q

Qureshy, Huma
Coauthors: *Wilson MS, Protas EJ, Holmes SA, Krouskop TA, Sherwood AM
Equipment specifications for supported treadmill ambulation training
Number 4, Pages 415–422

R

Rahman, Tariq
Coauthors: Sample W, Seliktar R, Alexander M, Scavina M
A body-powered functional upper limb orthosis
Number 6, Pages 675–679

Rao, Noel
Coauthors: *Aruin AS, Hanke T, Chaudhuri G, Harvey R
Compelled weightbearing in persons with hemiparesis following stroke: The effect of a lift insert and goal-directed balance exercise
Number 1, Pages 65–72

Rao, Sreesha S.
Coauthors: *Gronley JK, Newsam CJ, Mulroy SJ, Perry J, Helm M
Electromyographic and kinematic analysis of the shoulder during four activities of daily living in men with C6 tetraplegia
Number 4, Pages 423–432

Reddy, Narender P.
Coauthors: Simcox DL, Gupta V, Motta GE, Coppenger J, Das A, Buch O
Biofeedback therapy using accelerometry for treating dysphagic patients with poor laryngeal elevation: Case studies
Clinical Report
Number 3, Pages 361–372

Reger, Steven I.
Coauthors: *Kamper DG, Adams TC, Parnianpour M, Barin K, Linden MA
A technique for quantifying the response of seated individuals to dynamic perturbations
Number 1, Pages 81–88

Reiber, Gayle E.
Coauthors: *Mayfield JA, Maynard C, Czerniecki JM, Caps MT, Sangeorzan BJ
Trends in lower limb amputation in the Veterans Health Administration, 1989–1998
Number 1, Pages 23–30

Reinkensmeyer, David J.
Coauthors: Kahn LE, Averbuch M, McKenna-Cole A, Schmit BD, Rymer WZ
Understanding and treating arm movement impairment after chronic brain injury: Progress with the ARM Guide
Number 6, Pages 653–661

Reker, Dean M.
Coauthors: Hoenig H, Zolkewitz M, Sloane R, Horner RD, Hamilton BB, Duncan PW
The structure and structural effects of VA rehabilitation bedservice care for stroke
Clinical Report
Number 4, Pages 483–491

Rentschler, Andrew J.
Coauthors: *Cooper RA, Dvorznak ML, Boninger ML
Displacement between the seating surface and hybrid test dummy during transitions with a variable configuration wheelchair: A technical note
Number 3, Pages 297–303

Robertson, Douglas D.
Coauthors: *Smith KE, Commean PK, Mueller MJ, Pilgram T, Johnson J
Assessment of the diabetic foot using spiral computed tomography imaging and plantar pressure measurements: A technical report
Number 1, Pages 31–40

Rodgers, Mary M.
Coauthors: Keyser RE, Gardner ER, Russell PJ, Gorman PH
Influence of trunk flexion on biomechanics of wheelchair propulsion
Number 3, Pages 283–295

Russell, Pamela J.
Coauthors: *Rodgers MM, Keyser RE, Gardner ER, Gorman PH
Influence of trunk flexion on biomechanics of wheelchair propulsion
Number 3, Pages 283–295

Rymer, W. Zev
Coauthors: *Reinkensmeyer DJ, Kahn LE, Averbuch M, McKenna-Cole A, Schmit BD
Understanding and treating arm movement impairment after chronic brain injury: Progress with the ARM Guide
Number 6, Pages 653–661

S

Sample, Whitney
Coauthors: *Rahman T, Seliktar R, Alexander M, Scavina M
A body-powered functional upper limb orthosis
Number 6, Pages 675–679

Sanders, J.E.
Thermal response of skin to cyclic pressure and pressure with shear: A technical note
Number 5, Pages 511–515

Sangeorzan, Bruce J.
Coauthors: *Mayfield JA, Reiber GE, Maynard C, Czerniecki JM, Caps MT
Trends in lower limb amputation in the Veterans Health Administration, 1989–1998
Number 1, Pages 23–30

Sarubbi, Margaret
Coauthors: *Souza PE, Yueh B, Loovis CF
Fitting hearing aids with the Articulation Index: Impact on hearing aid effectiveness
Number 4, Pages 473–481

Scargle, Scott D.
Coauthors: *Barreto AB, Adjouadi M
A practical EMG-based human-computer interface for users with motor disabilities
Number 1, Pages 53–63

Scavina, Mena
Coauthors: *Rahman T, Sample W, Seliktar R, Alexander M
A body-powered functional upper limb orthosis
Number 6, Pages 675–679

Schafer, Laura Ottaviani
Coauthors: *Schafer SJ, Anglen JO, Childers M
Heterotopic ossification in rehabilitation patients who have had internal fixation of an acetabular fracture
Number 4, Pages 389–393

Schafer, Steven J.
Coauthors: Schafer LO, Anglen JO, Childers M
Heterotopic ossification in rehabilitation patients who

have had internal fixation of an acetabular fracture
Number 4, Pages 389–393

Schalet, Benjamin J.
Coauthors: * Mikic B, Johnson TL, Chhabra AB, Wong M, Hunziker EB
Differential effects of embryonic immobilization on the development of fibrocartilaginous skeletal elements
Number 2, Pages 127–133

Schmit, Brian D.
Coauthors: *Reinkensmeyer DJ, Kahn LE, Averbuch M, McKenna-Cole AO, Rymer WZ
Understanding and treating arm movement impairment after chronic brain injury: Progress with the ARM Guide
Number 6, Pages 653–661

Schurman, D.J.
Coauthors: *Smith RL, Lin J, Trindade MCD, Shida J, Kajiyama G, Vu T, Hoffman AR, van der Meulen MCH, Goodman SB, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Schreier, Reinhard
Coauthors: *Colombo G, Joerg M, Dietz V
Treadmill training of paraplegic patients using a robotic orthosis
Number 6, Pages 693–699

Seliktar, Rahamin
Coauthors: *Rahman T, Sample W, Alexander M, Scavina M
A body-powered functional upper limb orthosis
Number 6, Pages 675–679

Seiple, William
Coauthors: *Szlyk JP, Laderman DJ, Kelsch R, Stelmack J, McMahon T
Measuring the effectiveness of bioptic telescopes for persons with central vision loss
Clinical Report
Number 1, Pages 101–108

Seiple, William
Coauthors: *Laderman DJ, Szlyk JP, Kelsch R
A curriculum for training patients with peripheral visual field loss to use bioptic amorphic lenses
Number 5, Pages 607–619

Shaker, Reza
Coauthors: *Ferdjallah M, Wertsch JJ
Spectral analysis of surface electromyography (EMG) of upper esophageal sphincter-opening muscles during head lift exercise
Number 3, Pages 335–340

Shaw, Greg
Wheelchair rider risk in motor vehicles: A technical note
Number 1, Pages 89–100

Sherwood, Arthur M.
Coauthors: Graves DE, Priebe MM
Altered motor control and spasticity after spinal cord injury: Subjective and objective assessment
Number 1, Pages 41–52

Sherwood, Arthur M.
Coauthors: *Wilson MS, Qureshy H, Protas EJ, Holmes SA, Krouskop TA
Equipment specifications for supported treadmill ambulation training: A technical note
Number 4, Pages 415–422

Shida, J.
Coauthors: *Smith RL, Lin J, Trindade MCD, Kajiyama G, Vu T, Hoffman AR, van der Meulen MCH, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Shields, Richard K.
Coauthors: *Elokda AS, Nielsen DH
Effect of functional neuromuscular stimulation on postural related orthostatic stress in individuals with acute spinal cord injury
Number 5, Pages 535–542

Shor, Peggy C.
Coauthors: *Burgar CG, Lum PS, Van der Loos HFM
Development of robots for rehabilitation therapy: The Palo Alto VA/Stanford experience
Number 6, Pages 663–673

Simcox, Denise L.
Coauthors: *Reddy NP, Gupta V, Motta GE, Coppenger J, Das A, Buch O
Biofeedback therapy using accelerometry for treating dysphagic patients with poor laryngeal elevation: Case studies
Clinical Report
Number 3, Pages 361–372

Sinkjaer, Thomas
Coauthors: *Matjacic Z, Johannesen IL
A multi-purpose rehabilitation frame: A novel apparatus for balance training during standing of neurologically impaired individuals
Number 6, Pages 681–691

Skaar, Steven B.
Coauthors: *Fehr L, Langbein WE
Adequacy of power wheelchair control interfaces for persons with severe disabilities: A clinical survey
Number 3, Pages 353–360

Sloane, Richard
Coauthors: *Reker DM, Hoenig H, Zolkewitz MA, Horner RD, Hamilton BB, Duncan PW
The structure and structural effects of VA rehabilitation bedservice care for stroke
Clinical Report
Number 4, Pages 483–491

Smith, A.E.
Coauthors: *Kiratli BJ, Nauenberg T, Kallfelz CF, Perkash I
Bone mineral and geometric changes through the femur with immobilization due to spinal cord injury
Number 2, Pages 225–233

Smith, Kirk E.
Coauthors: Commean PK, Mueller MJ, Robertson DD, Pilgram T, Johnson J
Assessment of the diabetic foot using spiral computed tomography imaging and plantar pressure measurements: A technical report
Number 1, Pages 31–40

Smith, R. Lane
Coauthors: Lin J, Trindade MCD, Shida J, Kajiyama G, Vu T, Hoffman AR, van der Meulen MCH, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Souza, Pamela E.
Coauthors: Yueh B, Sarubbi M, Loovis CF
Fitting hearing aids with the Articulation Index: Impact on hearing aid effectiveness
Number 4, Pages 473–481

Stelmack, Joan
Coauthors: *Szlyk JP, Seiple W, Laderman DJ, Kelsch R, McMahon T
Measuring the effectiveness of bioptic telescopes for persons with central vision loss
Clinical Report
Number 1, Pages 101–108

Stevens, Sheila S.
Coauthors: *Beaupré GS, Carter DR
Mechanobiology in the development, maintenance, and degeneration of articular cartilage
Number 2, Pages 145–151

Strouse, Anne
Coauthors: Wilson RH
The effect of filtering and inter-digit interval on the recognition of dichotic digits
Number 5, Pages 599–606

Szlyk, Janet P.
Coauthors: Seiple W, Laderman DJ, Kelsch R, Stelmack J, McMahon T
Measuring the effectiveness of bioptic telescopes for persons with central vision loss
Clinical Report
Number 1, Pages 101–108

Szlyk, Janet P.
Coauthors: *Laderman DJ, Kelsch R, Seiple W
A curriculum for training patients with peripheral visual field loss to use bioptic amorphic lenses
Number 5, Pages 607–619

Szobota, Stephanie
Coauthors: *van Roosmalen L, Bertocci G, Ha DR, Karg P
Proposed test method for and evaluation of wheelchair

seating system (WCSS) crashworthiness
Number 5, Pages 543–553

Szobota, Stephanie
Coauthors: *Bertocci GE, Ha DR, van Roosmalen L
Development of frontal impact crashworthy wheelchair seating design criteria using computer simulation
Number 5, Pages 565–572

T

Taaffe, Dennis R.
Coauthors: Marcus R
Musculoskeletal health and the older adult
Number 2, Pages 245–254

Taya, Minoru
Coauthors: *Hahl J
Experimental and numerical predictions of the ultimate strength of a low-cost composite transtibial prosthesis
Number 4, Pages 405–413

Thacker, John G.
Coauthors: *Kauzlarich JJ, Bruning TE III
Wheelchair caster shimmy II: Damping
Number 3, Pages 305–313

Thompson, Alan J.
The effectiveness of neurological rehabilitation in multiple sclerosis
Number 4, Pages 455–461

Trindade, M.C.D.
Coauthors: *Smith RL, Lin J, Shida J, Kajiyama G, Vu T, Hoffman AR, van der Meulen MCH, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

Tsai, Mei-Wun
Coauthors: *Wang RY, Chan RC
Effects of thoraco-lumbar electric sensory stimulation on knee extensor spasticity of persons who survived cerebrovascular accident (CVA)
Number 1, Pages 73–79

U

Uhlenbrock, Dietmar
Coauthors: *Hesse S
A mechanized gait trainer for restoration of gait
Number 6, Pages 701–707

V

Van der Loos, H.F. Machiel
Coauthors: Burgar CG, Lum PS, Shor PC
Development of robots for rehabilitation therapy: The Palo Alto VA/Stanford experience
Number 6, Pages 701–707

van der Meulen, M.C.H.
Coauthors: *Smith RL, Lin J, Trindade MCD, Shida J, Kajiyama G, Vu T, Hoffman AR, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

van der Meulen, M.C.H.
Coauthors: Moro M, Kiratli BJ, Marcus R, Bachrach LK
Mechanobiology of femoral neck structure during adolescence
Number 2, Pages 201–208

van Leeuwen, Peter J.
Coauthors: Bos RP, Derksen JC, de Vries J
Assessment of spinal movement reduction by thoracolumbar-sacral orthoses
Number 4, Pages 395–404

Vannier, Michael W.
Coauthors: *Madsen MT, Haller J, Commean PK
A device for applying static loads to prosthetic limbs of transtibial amputees during spiral CT examination
Number 4, Pages 383–387

van Roosmalen, Linda
Coauthors: Bertocci G, Ha DR, Karg P, Szobota S
Proposed test method for and evaluation of wheelchair seating system (WCSS) crashworthiness
Number 5, Pages 543–553

van Roosmalen, Linda
Coauthors: *Ha DR, Bertocci G, Deemer E, Karg P
Evaluation of wheelchair back support crashworthiness: Combination wheelchair back support surfaces and attachment hardware
Number 5, Pages 555–563

van Roosmalen, Linda
Coauthors: *Bertocci GE, Szobota S, Ha DR
Development of frontal impact crashworthy wheelchair seating design criteria using computer simulation
Number 5, Pages 565–572

Vogt, L.
Coauthors: Pfeifer K, Portscher M, Banzer W
Lumbar corsets: Their effect on three-dimensional kinematics of the pelvis
Number 5, Pages 495–499

Volpe, BT
Coauthors: *Krebs HI, Aisen ML, Hogan N
Increasing productivity and quality of care: Robot-aided neuro-rehabilitation
Number 6, Pages 639–651

Vu, T.
Coauthors: *Smith RL, Lin J, Trindade MCD, Shida J, Kajiyama G, Hoffman AR, van der Meulen MCH, Goodman SB, Schurman DJ, Carter DR
Time-dependent effects of intermittent hydrostatic pressure on articular chondrocyte type II collagen and aggrecan mRNA expression
Number 2, Pages 153–161

W

Wall, Conrad, III
Coauthors: *McPartland MD, Krebs DE
Quantifying ataxia: Ideal trajectory analysis
A Technical Note
Number 4, Pages 445–454

Wall, James C.
Coauthors: Bell C, Campbell S, Davis J
The timed get-up-and-go test revisited: Measurement of the component tasks
Clinical Report
Number 1, Pages 109–113

Wang, Jue
Coauthors: Brienza DM, Yuan YW, Karg P, Xue Q
A compound sensor for biomechanical analyses of buttock soft tissue in vivo
Number 4, Pages 433–443

Wang, Ray-Yau
Coauthors: Chan RC, Tsai MW
Effects of thoraco-lumbar electric sensory stimulation on knee extensor spasticity of persons who survived cerebrovascular accident (CVA)
Number 1, Pages 73–79

Waxman, Stephen G.
Coauthors: Cummins TR, Dib-Hajj SD, Black JA
Voltage-gated sodium channels and the molecular pathogenesis of pain: A review
Number 5, Pages 517–528

Weaver, F.
Coauthors: *Baatile J, Langbein WE, Maloney C, Jost MB
Effect of exercise on perceived quality of life of individuals with Parkinson's disease
Number 5, Pages 529–534

Wertsch, Jacqueline J.
Coauthors: *Ferdjallah M, Shaker R
Spectral analysis of surface electromyography (EMG) of upper esophageal sphincter-opening muscles during head lift exercise
Number 3, Pages 335–340

Wilson, Michael S.
Coauthors: Qureshy H, Protas EJ, Holmes SA, Krouskop TA, Sherwood AM
Equipment specifications for supported treadmill ambulation training: A technical note
Number 4, Pages 415–422

Wilson, Richard H.
Coauthors: *Strouse A
The effect of filtering and inter-digit interval on the recognition of dichotic digits
Number 5, Pages 599–606

Wong, Marcy
Coauthors: *Mikic B, Johnson TL, Chhabra AB, Schalet BJ, Hunziker EB

Differential effects of embryonic immobilization on the development of fibrocartilaginous skeletal elements
Number 2, Pages 127–133

Wren, Tishya A.L.
Coauthors: Beaupré GS, Carter DR
Mechanobiology of tendon adaptation to compressive loading through fibrocartilaginous metaplasia
Number 2, Pages 135–143

Wren, Tishya A.L.
Coauthors: Beaupré GS, Carter DR
Tendon and ligament adaptation to exercise, immobilization, and remobilization
Number 2, Pages 217–224

X

Xue, Qiang
Coauthors: *Wang J, Brienza DM, Yuan YW, Karg P
A compound sensor for biomechanical analyses of buttock soft tissue in vivo
Number 4, Pages 433–443

Y

Yuan, Ying-wei
Coauthors: *Wang J, Brienza DM, Karg P, Xue Q
A compound sensor for biomechanical analyses of buttock soft tissue in vivo
Number 4, Pages 433–443

Yueh, Bevan
Coauthors: *Souza PE, Sarubbi M, Loovis CF
Fitting hearing aids with the Articulation Index: Impact on hearing aid effectiveness
Number 4, Pages 473–481

Z

Zolkewitz, Michael A.
Coauthors: *Reker DM, Hoenig H, Sloane R, Horner RD, Hamilton BB, Duncan PW
The structure and structural effects of VA rehabilitation bedservice care for stroke
Clinical Report
Number 4, Pages 483–491

U.S. G.P.O. 2001–464–149: 00007